

APPLICANT FACSIMILE OF FORM PTO-1449  
 REV 7-80

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CPI-012CP4BCN

09/286,166

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APPLICANT

Fowlkes, Dana M., et al.

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

## OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

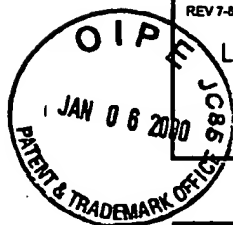
✓	C1	Artemyev et al., "Sites of Interaction between Rod G-Protein $\alpha$ -Subunit and cGMP-Phosphodiesterase Gamma-Subunit," <i>The Journal of Biological Chemistry</i> , Vol. 267(35), pp. 25067-25072 (1992)
	C2	Awramik et al., "New Fossil finds in Old Rocks," <i>Nature</i> , Vol. 319, pp. 446-447 (1986)
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	C4	Cavallini et al., "A Yeast Activity can Substitute for the HeLa Cell TATA box factor," <i>Nature</i> , Vol. 334, pp. 77-80 (1988)
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	C8	Coleman et al., "Structures of Active Conformation of G- $\alpha$ 1 and the Mechanism of GTP Hydrolysis," <i>Science</i> , Vol. 265, pp. 1405-1412 (1994)
	C9	Conklin et al., "Substitution of Three Amino Acids Switches Receptor Specificity of G- $\alpha$ to that of G- $\alpha$ ," <i>Nature</i> , Vol. 363, pp. 274-276 (1993)
	C10	Dietzel et al., "The Yeast SCG1 Gene: A G $\alpha$ -like Protein Implicated in the $\alpha$ - and $\alpha$ -Factor Response Pathway," <i>Cell</i> , Vol. 50, pp. 1001-1010 (1987)
	C11	Dmochowska et al., "Yeast KEX1 Gene Encodes a Putative Protease with a Carboxypeptidase B-like Function Involved in Killer Toxin and $\alpha$ -Factor Precursor Processing," <i>Cell</i> , Vol. 50, pp. 573-584 (1987)
	C12	Etienne et al., "A Screening Method for Antifungal Substances using <i>Saccharomyces Cerevisiae</i> Strains Resistant to Polyene Macrolides," <i>The Journal of Antibiotics</i> , Vol. XLIII(2), pp. 199-206 (1990)
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D2		Gallego et al., "Myristoylation of the Gai2 Polypeptide, a G Protein a Subunit, is Required for its Signaling and Transformation Functions," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 89, pp. 9695-9699 (1992)
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D4		Gerard et al., "Construction and Expression of a Novel Recombinant Anaphylatoxin, C5a-N19, a Probe for the Human C5a Receptor," <i>Biochemistry</i> , Vol. 29(39), pp. 9274-9281 (1990)
D5		Graf et al., "A Truncated Recombinant a Subunit of G-i13 with a Reduced Affinity for B-Gamma Dimers and Altered Guanosine 5'-3-O-(Thio) Triphosphate Binding," <i>The Journal of Biological Chemistry</i> , Vol. 267(34), pp. 24307-24314 (1992)
D6		Gros et al., "Mammalian Multidrug Resistance Gene: Complete cDNA Sequence Indicates Strong Homology to Bacterial Transport Proteins," <i>Cell</i> , Vol. 47, pp. 371-380 (1986)
D7		Hagen et al., "Evidence the Yeast STE3 Gene Encodes a Receptor for the Peptide Pheromone a Factor: Gene Sequence and Implications for the Structure of the Presumed Receptor," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 83, pp. 1418-1422 (1986)
D8		Harbury et al., "A Switch Between Two-, Three- and Four-Stranded Coiled Coils in GCN4 Leucine Zipper Mutants," <i>Science</i> , Vol. 262, pp. 1401-1407 (1993)
D9		Hartwell, "Mutants of Saccharomyces Cerevisiae Unresponsive to Cell Division Control by Polypeptide Mating Hormone," <i>J. Cell Biology</i> , Vol. 85, pp. 811-822 (1980).
D10		He et al., "RAM2, an Essential Gene of Yeast, and RAM1 Encode the Two Polypeptide Components of the Farnesyltransferase that Prenylates a-Factor and Ras proteins," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 88, pp. 11373-11377 (1991)
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D13		Journot et al., "Amino Acids 367-376 of the Gs a Subunit Induce Membrane Association when Fused to Soluble Amino-Terminal Deleted Gi1 a subunit," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 88, pp. 10054-10053 (1991)
D14		Julius et al., "Glycosylation and Processing of Prepro-a-Factor through the Yeast Secretory Pathway," <i>Cell</i> , Vol. 36, pp. 309-318 (1984)
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D17	OC	Kaiser et al., "Many Random Sequences Functionally Replace the Secretion Signal Sequence of Yeast Invertase," <i>Science</i> , Vol. 235, pp. 312-317 (1987)

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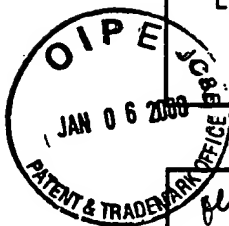
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✓	E3	Kuchler et al., "Functional Expression of Human <i>mdr1</i> in the Yeast <i>Saccharomyces Cerevisiae</i> ," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 89, pp. 2302-2306 (1992)
✓	E4	Kuchler et al., "Saccharomyces <i>Cerevisiae</i> STE6 Gene Product: A Novel Pathway for Protein Export in Eukaryotic Cells," <i>The Embo Journal</i> , Vol. 8(13), pp. 3973-3984 (1989)
✓	E5	Kurjan, "a-Factor Structural Gene Mutations in <i>Saccharomyces Cerevisiae</i> : Effects on a-Factor Production and Mating," <i>Molecular and Cellular Biology</i> , Vol. 5(4), pp. 787-796 (1985)
✓	E6	Kurjan et al., "Structure of a Yeast Pheromone Gene (MFa): A Putative a-Factor Precursor Contains Four Tandem Copies of Mature a-Factor," <i>Cell</i> , Vol. 30, pp. 933-943 (1982)
✓	E7	Lambright et al., "Structural Determinants for Activation of the a-Subunit of a Heterotrimeric G Protein," <i>Nature</i> , Vol. 369, pp. 621-628 (1994)
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✓	E9	Lee et al., "The G22A Mutant of Gsa Highlights the Requirement for Dissociation of G Protein Subunits," <i>The Journal of Biological Chemistry</i> , Vol. 267(2), pp. 1212-1218 (1992)
✓	E10	Lemire et al., "The Mitochondrial Targeting Function of Randomly Generated Peptide Sequences Correlates with Predicted Helical Amphiphilicity," <i>The Journal of Biological Chemistry</i> , Vol. 264(34), pp. 20206-20212 (1989)
✓	E11	Linder et al., "Lipid Modifications of G Protein Subunits," <i>The Journal of Biological Chemistry</i> , Vol. 266(7), pp. 4654-4659 (1991)
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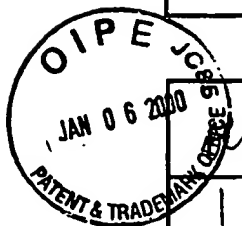
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